

AF 546 NHS Ester

Article number: KF-YG0748

specification: 1mg/5mg/25mg

Product Application

AF 546 is a bright yellow dye. AF 546 dye is used for imaging and flow cytometry, and is water-soluble pH-insensitive (within the pH range of 4 - 10). In addition to reactive dye formulations, we also offer AF 546 dye that can be conjugated a variety of antibodies, peptides, proteins, tracers, and amplification substrates, and is optimized for cell labeling and detection.

The NHS ester (or succinimidyl ester) AF546 is the most commonly used tool for conjugating this dye to proteins or antibodies. The NHS ester can be used to label primary amines (R-NH₂) proteins, amine-modified oligonucleotides, and other amine-containing molecules. The resulting AF conjugates will exhibit brighter fluorescence and higher photostability than conjugates of other spectrally similar fluor.

Transportation and storage





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Transport conditions: Cold

Storage conditions: -20° C, dry, protected from light.

